Index of Claims

| Application No.   | Applicant(s)   |          |
|-------------------|----------------|----------|
| 09/647,965        | HISCOTT ET AL. |          |
| Examiner          | Art Unit       | <u> </u> |
| Terry A. McKelvey | 1636           |          |

✓ Rejected= Allowed

- (Through numeral)
Cancelled

Restricted

N Non-Elected

I Interference

A Appeal
O Objected

| Cla        | im       | n Date       |                       |          |          |                 | ſ         | Cla      | im     |       |          | 1        | Date     |          |        |  | 7   | CI       | aim           | Date           |              |            |          |               |                |                    |           |          |                    |                   |          |
|------------|----------|--------------|-----------------------|----------|----------|-----------------|-----------|----------|--------|-------|----------|----------|----------|----------|--------|--|---|----------|---------------|----------------|--------------|------------|----------|---------------|----------------|--------------------|-----------|----------|--------------------|-------------------|----------|
|            |          |              |                       |          |          |                 |           |          |        |       | П        | $\neg$   | T        | Ť        | Т-     | ТП   |   |          | <del></del> " |                |              |            | 1        | Ť             | Ť              | Т                  | $\top$    | Т        | ᅥ                  |                   |          |
| Final      | Original | 广三进          |                       |          |          |                 |           |          |        |       | Final    | Original |          |          |        |  |   |          |               |                | Final        | Original   |          |               |                |                    |           |          |                    |                   |          |
|            | 1        |              |                       | ╁╌       | -+       | $\dashv$        | -         | -+       | ᅱ      | 1     |          | 51       | $\dashv$ |          | +      | H  | ╁   | $\vdash$ | $\exists$     | ÷              |              | 101        | -        | +             | +              |                    | +         | ╅        | +                  | +                 | ᅱ        |
|            | 2        | _            | $\vdash$              | Н        | $\dashv$ | $\dashv$        | $\dashv$  | $\dashv$ | ᅥ      |       |          | 52       | -        |          | +-     | $\vdash$   | $\top$  | Н        | $\vdash$      | £*             |              | 102        |          | $\dashv$      | +              | +                  | +         | +        | 十                  | $\dashv$          | ᅥ        |
|            | 3        | N            |                       | П        | T        | _               | $\dashv$  | 寸        | $\neg$ | 1     |          | 53       | Ħ        | $\top$   | +      | $\Box$   | ╅   | T        |               |                |              | 103        |          |               | +              | $\top$             | 十         | $\dashv$ | 十                  | 十                 | ┪        |
|            | 4        | Ö            |                       | П        |          |                 | $\exists$ |          | ┪      | - 1   |          | 54       | П        |          | 十.     |  | +   | t        |               |                |              | 104        |          | _             | ╅              | 十                  | ╅         | 十        | 十                  | ヿ                 | $\neg$   |
|            | 5        | 7            |                       | П        | $\neg$   | $\neg$          | $\Box$    |          | ┪      |       |          | 55       | П        | $\dashv$ | $\top$ | $\Box$   |   |          |               |                |              | 105        |          | $\neg$        | 十              | 十                  | ヿ         | 十        | 十                  | ヿ                 | $\neg$   |
|            | 6        |              |                       | П        |          |                 | T         |          |        |       |          | 56       | П        |          | 1      | $\Box$   |   | П        |               |                |              | 106        |          |               | $\dashv$       | 7                  | 7         | $\top$   | $\top$             | ヿ                 | $\neg$   |
|            | 7        | フ            |                       |          |          |                 |           |          |        |       |          | 57       | П        |          | 1      |  |   |          |               |                |              | 107        |          | 一             | 1              | $\neg$             | $\exists$ | 7        | T                  | T                 |          |
|            | 8        | 2            |                       | П        |          | $\Box$          |           |          |        | r i   |          | 58       | П        |          |        |  |   |          |               | il.            |              | 108        |          |               |                |                    |           |          | $\Box$             |                   |          |
|            | 9        | 1            |                       |          |          |                 |           |          |        |       |          | 59       |          |          |        |  |   |          |               | نط)<br>آخر     |              | 109        |          |               |                |                    |           |          | $\perp$            | $\Box$            |          |
|            | 10       | П            |                       |          |          |                 |           |          |        |       |          | 60       |          |          |        |  |   |          |               |                |              | 110        |          |               | Т              |                    |           | $\Box$   | $\Box$             | $\Box$            |          |
|            | 11       | $\coprod$    |                       |          |          |                 |           |          |        |       |          | 61       |          |          |        |  |   |          |               | 19             |              | 111        |          | $\Box$        |                | $\perp$            | floor     |          | $oldsymbol{\bot}$  | $oldsymbol{\bot}$ |          |
|            | 12       | $\coprod$    |                       |          |          |                 |           |          |        |       |          | 62       |          |          |        |  |   |          |               | 4              |              | 112        |          | $\bot I$      | $\perp \Gamma$ | $oldsymbol{\perp}$ | $\perp$   | $\Box$   | $\perp$            | $\perp$           |          |
|            | 13       | Ш            |                       | Ш        |          |                 |           |          | _]     |       |          | 63       | Ш        |          |        | Щ  |   |          |               |                |              | 113        | $\Box$   | _             | $\perp$        | $\perp$            | $\perp$   | $\perp$  | $\bot$             | $\perp$           |          |
|            | 14       | Щ            | L.L.                  | $\sqcup$ |          | Ш               | $\Box$    | $\Box$   | _      |       |          | 64       | Ш        |          | 4      | $\sqcup$   |   | $\perp$  | Ш             |                | <u> </u>     | 114        | Ш        | $\perp$       | $\perp$        | $\perp$            | _         |          | 4                  | $\dashv$          | _        |
|            | 15       | 1            | igwdap                | Ш        | Ш        | Ш               |           | Ц        | _      |       |          | 65       | Щ        |          |        | Щ  |   | $\perp$  |               | 1              |              | 115        | $\sqcup$ | _             | _              | $\perp$            | 4         | _        | 4                  | 4                 | _        |
|            | 16       | N            | $\sqcup \!\!\! \perp$ | Ш        | Ш        | Щ               |           | $\sqcup$ | _      | . 1   |          | 66       | Ш        |          | _      | $\sqcup$   |   | $\perp$  | Ш             |                | <u> </u>     | 116        | Щ        | _             | _              | 4                  | 4         | _        | $\dashv$           | 4                 | _        |
|            | 17       | Ö            | Ц                     | Ш        | Щ        | $\Box$          |           |          | _      |       |          | 67       | Ш        |          | $\bot$ | Ш  |   | ↓_       |               |                | ļ            | 117        |          |               | _              | 4                  | 4         | 4        | _                  | -                 | ᆜ        |
|            | 18       | 0            | Щ_                    | ļ        |          |                 |           |          | _      |       |          | 68       | Ш        | $\perp$  |        | $\sqcup$   |   | 4        | Щ             | 3)<br>(2)      | <u> </u>     | 118        | Щ        | _             | 4              | 4                  | 4         | 4        | $\dashv$           | 4                 | 4        |
|            | 19       | 0            | Щ                     |          |          |                 |           | $\dashv$ |        |       |          | 69       | Щ        | $\perp$  |        | Н  | -   | $\bot$   | Щ             |                |              | 119        | Ш        | _             | 4              | 4                  | 4         |          | 4                  | $\dashv$          | ႕        |
|            | 20       | 00           | $\vdash \vdash$       | Ш        |          | $\sqcup$        |           |          |        |       |          | 70       | Ш        | -        | _      | 1  |   | 4_       |               | 1.7            | <u> </u>     | 120        | $\vdash$ |               | +              | -                  | 4         | $\dashv$ | +                  | $\dashv$          | $\dashv$ |
|            | 21       | O            | $\vdash$              |          |          | Ш               | $\sqcup$  |          | _      | 10    |          | 71       |          |          | +      | $\sqcup$   | -   | —        | <u> </u>      | 10             | ļ            | 121        | $\vdash$ | _             | 4              | 4                  | $\dashv$  |          | $\dashv$           | $\dashv$          | $\dashv$ |
| _          | 22       | _            | <u> </u>              |          |          | Н               |           |          | 4      | /*I   |          | 72       | $\sqcup$ |          | -      | -  | _   | +        | Н             |                | <u> </u>     | 122        | $\vdash$ | -             |                | 4                  | $\dashv$  | +        | +                  | $\dashv$          | ႕        |
|            | 23       | _            |                       | <u> </u> | Щ        | $\vdash$        |           | $\vdash$ | _      | - 1   |          | 73       | $\sqcup$ |          | -      | $\vdash$   | +   | -        | Ш             | Q              | <u> </u>     | 123        |          |               | +              | +                  | 4         | $\dashv$ | $\dashv$           | -                 | _        |
|            | 24       | <del> </del> |                       | $\vdash$ |          | Н               | $\sqcup$  | $\vdash$ | _      |       |          | 74       |          |          |        | ⊢  | +   | $\perp$  |               | H              | <u> </u>     | 124        | $\vdash$ |               | -+             | +                  | $\dashv$  | $\dashv$ | +                  | -+                |          |
|            | 25       | L            | <u> </u>              | -        |          | Н               | $\vdash$  |          | _      |       | $\vdash$ | 75       | $\vdash$ |          | +      | 1  |   | +-       |               | 11.3           | <u> </u>     | 125        | $\vdash$ |               | +              | +                  | -         | +        | +                  | $\dashv$          | $\dashv$ |
|            | 26       | $\succeq$    |                       | $\vdash$ |          | Н               | -         | $\vdash$ |        |       |          | 76<br>77 | $\vdash$ | $\dashv$ | +      | $\vdash$   | +   | -        | -             |                | <u> </u>     | 126<br>127 |          |               | +              | +                  | +         | $\dashv$ | $\dashv$           | -+                |          |
|            | 27       | ⊢            | Н-                    | ╁        |          | $\vdash$        |           |          |        | .,    |          | 78       | $\vdash$ |          |        | $\vdash$   | +   | +-       | Н             |                | <del> </del> | 128        | $\vdash$ |               | +              |                    | $\dashv$  | +        | +                  | $\dashv$          | $\dashv$ |
|            | 28<br>29 | _            |                       | +        | $\vdash$ | Н               | Н         | H        | _      |       | -        | 79       | Н        |          | +      | $\vdash$   | +   | ┼        |               | Mi             | <u> </u>     | 129        | Н        | $\dashv$      | +              | ┽                  | +         | $\dashv$ | 十                  | $\dashv$          | _        |
|            | 30       | ⊢            |                       | ╁        | $\vdash$ | Н               | Н         | $\dashv$ | -      |       | _        | 80       | $\vdash$ |          | +-     | <del>   </del>                                   | +   | ┼        | _             | - 5            |              | 130        | Н        | $\dashv$      | +              | +                  | ┰┼        | -        | +                  | $\dashv$          | _        |
|            | 31       | ├            | $\vdash\vdash$        | $\vdash$ |          | Н               | $\vdash$  | $\vdash$ | _      |       | _        | 81       | $\vdash$ | -+       | +      | $\vdash$   | +   | +        |               | į į            |              | 131        | Н        | $\rightarrow$ | +              | $\dashv$           | +         | +        | +                  | $\dashv$          | _        |
| <u>:</u> _ | 32       |              | H                     | $\vdash$ |          | $\vdash$        | $\dashv$  | $\dashv$ | -      | , and |          | 82       | Н        | $\dashv$ | ╁      |  | +   | +        | -             |                |              | 132        |          | $\dashv$      | +              | +                  | $\dashv$  | $\dashv$ | +                  | -+                |          |
|            | 33       | _            |                       | $\vdash$ |          | H               | $\vdash$  | $\vdash$ | _      | nudra |          | 83       | Н        | +        | +      |  |   | +        | H             | lt.i           | <b></b>      | 133        | $\vdash$ | $\dashv$      | $\dashv$       | $\pm$              | +         | $\dashv$ | +                  | +                 |          |
|            | 34       | -            | <b>-</b>              | +-       | $\vdash$ | $\vdash$        | $\vdash$  | $\vdash$ | -      |       | $\vdash$ | 84       | H        | +        | +      | <del>                                     </del> | +   | +        | $\vdash$      |                | <b></b>      | 134        | $\vdash$ | $\dashv$      | $\dashv$       | $\dashv$           | $\dashv$  | 十        | +                  | 十                 | _        |
|            | 35       | N            |                       | $\vdash$ | Н        | $\vdash \vdash$ | $\vdash$  | $\vdash$ | _      |       | <u> </u> | 85       | $\vdash$ | $\dashv$ | +      | $\sqcap$   | $\dashv$  | $\top$   | $\vdash$      |                |              | 135        | Н        | $\dashv$      | -              | -†                 | +         | $\dashv$ | 十                  | 十                 | _        |
|            |          | Ŋ            | $\vdash$              | П        | Н        | $\vdash$        | $\vdash$  | $\vdash$ | 7      |       |          | 86       | $\Box$   | -        | 1      | $\vdash$   | +   | T        |               |                | $\vdash$     | 136        | H        | $\dashv$      | 十              | 十                  | 7         | 十        | 十                  |                   | _        |
|            | 37       | Ň            | $\vdash$              | П        | П        | Н               | Н         | $\Box$   |        |       |          | 87       | П        | $\dashv$ | +-     | $\Box$   | $\top$  | T        |               |                |              | 137        | П        | $\Box$        | $\dashv$       | 十                  | $\dashv$  | $\dashv$ | $\top$             | $\dashv$          |          |
|            | 38       | N            |                       |          |          | $\vdash$        | $\Box$    | $\vdash$ |        |       |          | 88       | П        |          | $\top$ | $\Box$   | $\top$  | $\top$   | Г             |                |              | 138        | П        | $\dashv$      | 十              | _                  | 寸         | _        | $\top$             | $\dashv$          | _        |
|            | 39       | <b></b>      |                       |          |          | $\Box$          | Н         | $\Box$   | T      | .     |          | 89       | $\Box$   | $\dashv$ | 1      |  | $\top$  | T        |               |                |              | 139        | П        | $\Box$        | 十              | 寸                  | 7         |          | $\top$             | $\dashv$          |          |
|            | 40       | Ť            |                       |          | П        | П               |           |          |        |       |          | 90       |          |          |        |  |   |          |               | 漂              |              | 140        | П        |               |                |                    | ╗         |          |                    |                   |          |
|            | 41       |              |                       |          |          |                 |           |          |        |       |          | 91       |          |          |        |  | ⋾   |          |               |                |              | 141        |          |               |                |                    | J         |          | J                  | J                 |          |
|            | 42       |              |                       |          |          |                 |           |          |        |       |          | 92       |          |          |        |  | I   | $\Box$   |               | en, n<br>en ja |              | 142        |          |               |                | $\Box$             |           |          | floor              | $\Box$            |          |
|            | 43       |              |                       |          |          |                 |           |          |        | -50   |          | 93       |          |          |        |  |   |          |               | 1              |              | 143        |          |               |                | $\Box$             |           |          | $\Box$             | $\Box$            |          |
|            | 44       |              |                       |          |          |                 |           |          |        | r     |          | 94       |          | $\Box$   |        |  |   |          |               |                |              | 144        |          |               | $oxed{\int}$   | $oxed{oxed}$       | I         |          | $oldsymbol{\bot}$  | $\Box$            |          |
|            | 45       |              |                       |          |          |                 |           |          |        |       |          | 95       |          | $\Box$   |        | Ш  | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |          |               |                |              | 145        | $\Box$   |               | $\Box$         | $\Box$             | ⅃         | $\Box$   | $oldsymbol{\perp}$ | $\Box$            |          |
|            | 46       |              |                       |          |          |                 |           |          |        |       |          | 96       |          | $\perp$  |        | LТ   |   | $\perp$  |               |                |              | 146        | LI       | $\Box$        | $\perp$        | $\perp$            | _[        |          | $\bot$             | [                 | _        |
|            | 47       |              |                       | oxdot    |          | Ш               |           | Ц        |        |       |          | 97       | Ш        |          |        |  |   | $\perp$  |               | ,              |              | 147        | Ш        |               | _[             |                    | _         |          | $\dashv$           | $\perp$           |          |
|            | 48       | $\vdash$     |                       | $\sqcup$ | Ш        | Ш               | Ш         | Ш        |        |       |          | 98       | Ш        |          |        | $\sqcup$   | 1   | $\perp$  | igsqcut       |                |              | 148        | Ш        |               |                | 4                  | _         | _        | $\dashv$           |                   |          |
|            | 49       | _            |                       | $\sqcup$ | Ш        | Щ               | Ш         | $\sqcup$ | _      |       | ļ        | 99       | $\Box$   | _        | _      | Ш  |   | ــــ     |               |                |              | 149        |          |               | $\perp$        | _                  | 4         | 4        | 4                  | _                 | _        |
|            | 50       | L            | oxdot                 | <u>L</u> |          | ıl              | l 1       |          |        |       | l        | 100      | L        | - 1      | 1      | ı  | - 1   | 1        |               |                | l            | 150        | ıl       |               |                | - 1                | - [       |          | - 1                | _1                |          |